AUTODOC CLUB

How to change ignition coil on **Mercedes W203** – replacement guide





VIDEO TUTORIAL



Important!

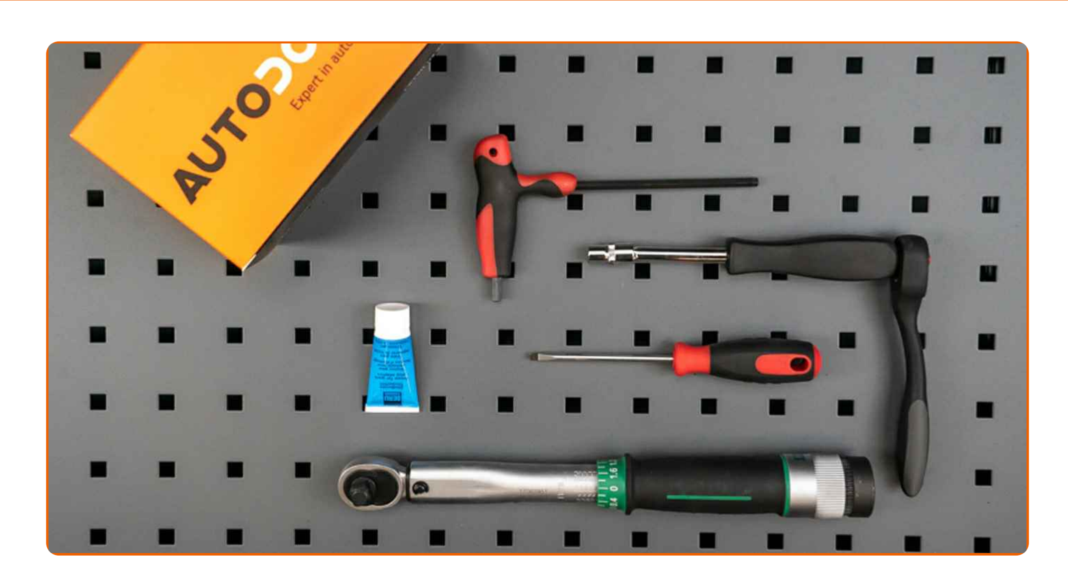
This replacement procedure can be used for:
MERCEDES-BENZ SLK (R170) 200 2.0 Kompressor (170.444), MERCEDES-BENZ SLK (R170) 230 2.3 Kompressor (170.449), MERCEDES-BENZ C-Class Saloon (W203) C 180 (203.035), MERCEDES-BENZ CLK (C208) 200 2.0 Kompressor (208.344), MERCEDES-BENZ CLK (C208) 230 2.3 Kompressor (208.348), MERCEDES-BENZ CLK Convertible (A208) 200 2.0 Kompressor (208.444), MERCEDES-BENZ CLK Convertible (A208) 230 2.3 Kompressor (208.448), MERCEDES-BENZ C-Class T-modell (S202) C 180 T (202.081), MERCEDES-BENZ C-Class T-modell (S202) C 200 T Kompressor (202.087), MERCEDES-BENZ E-Class Saloon (W210) E 200 Kompressor (210.048), MERCEDES-BENZ E-Class T-modell (S210) E 200 T Kompressor (210.248), MERCEDES-BENZ C-Class Coupe (CL203) C 180 (203.735), MERCEDES-BENZ C-Class Coupe (CL203) C 200 Kompressor (203.745), MERCEDES-BENZ C-Class Coupe (CL203) C 230 Kompressor (203.747), MERCEDES-BENZ C-Class T-modell (S203) C 200 Kompressor (203.245), (+ 2)

The steps may slightly vary depending on the car design.





REPLACEMENT: IGNITION COIL – MERCEDES W203. TOOLS YOU NEED:



- HEX bit No.HW5.
- Drive socket # E8
- Torque wrench
- Flat screwdriver
- High-temperature anti-seize lubricant
- Fender cover

BUY TOOLS





Replacement: ignition coil – Mercedes W203. AUTODOC experts recommend:

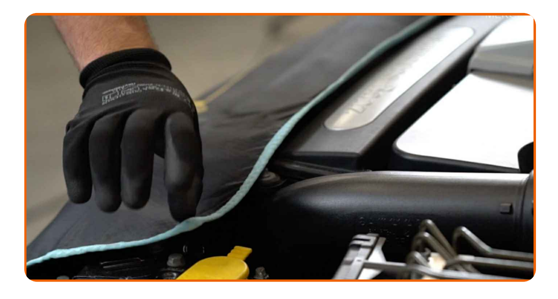
- The replacement procedure is the same for the ignition coils of all cylinders.
- Please note: all work on the car – Mercedes W203 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

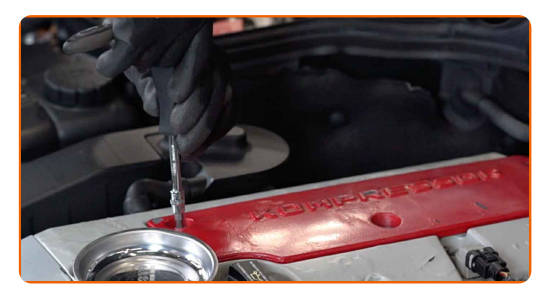
1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Undo the engine cover screws (3 pieces). Use HEX No.HW5.



4 Remove the engine cover.



5 Detach the connector from the ignition coil.



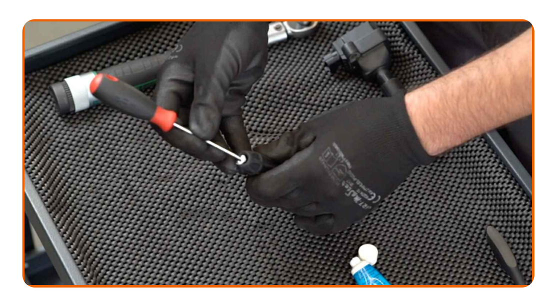
6 Unscrew the ignition coil bracket. Use a drive socket #E8.



7 Take out the ignition coil from the spark plug well.



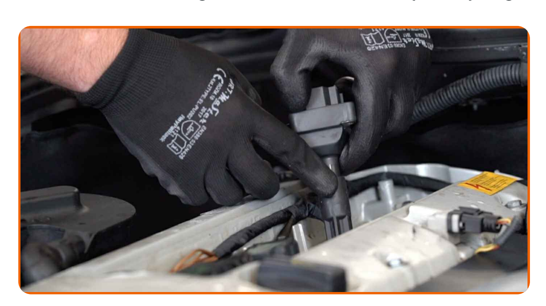
8 Treat the ignition coil tip. Use high-temperature grease. Use a flat screwdriver.



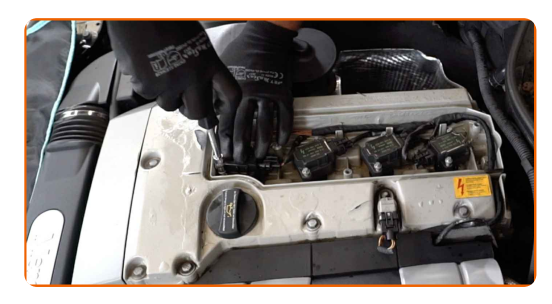




9 Install the new ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



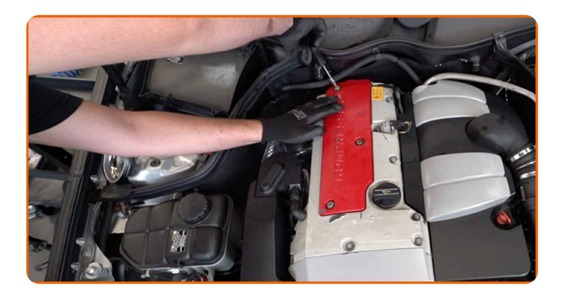
10 Tighten the ignition coil fastening. Use a drive socket #E8. Use a torque wrench. Tighten it to 9 Nm torque.



11 Plug in the ignition coil connector.



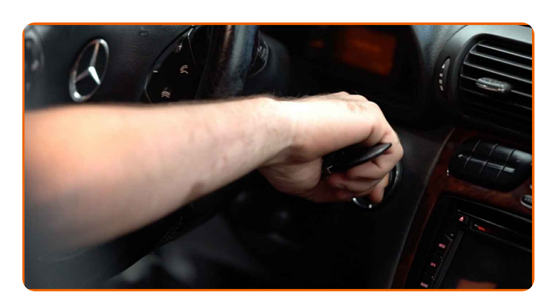
12 Install the engine cover and secure it. Use HEX No.HW5.





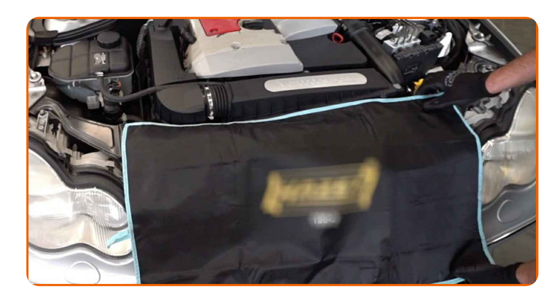


13 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



14 Shut off the engine.

15 Remove the fender protection cover.



16 Close the hood.



WELL DONE!

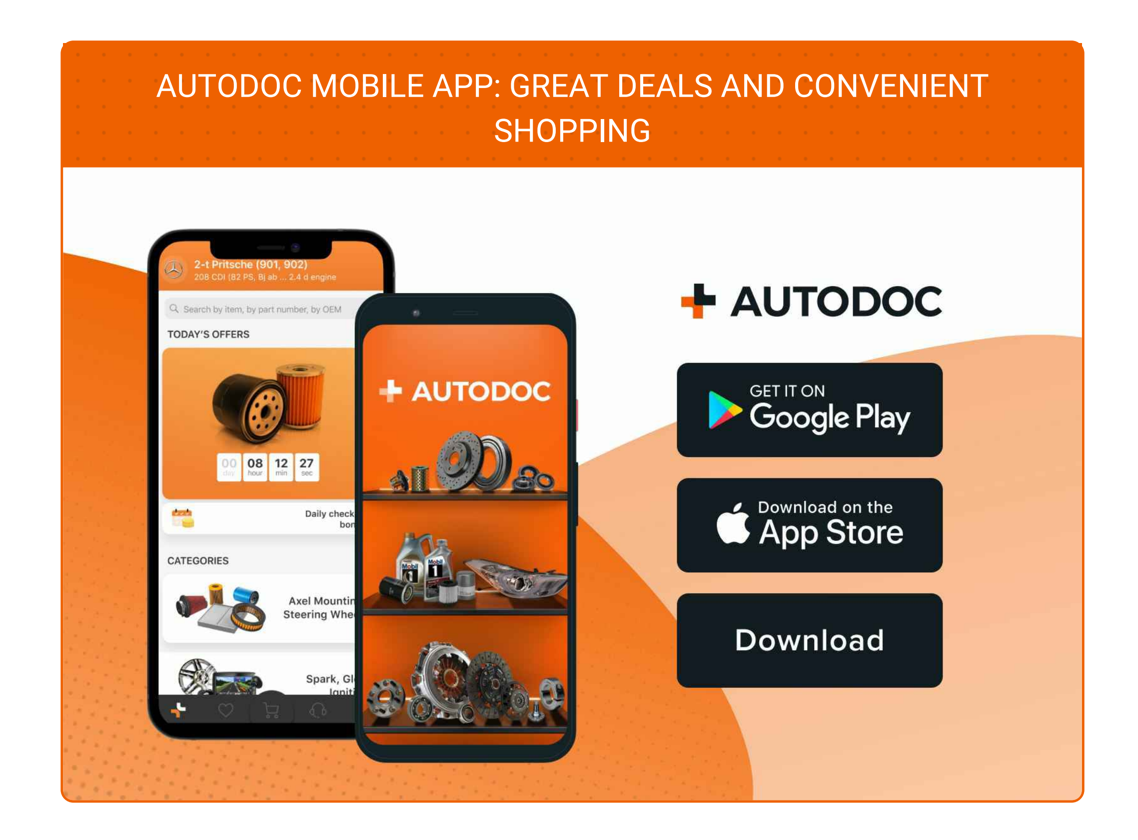


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